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Amendments to the Specification:

Please replace the paragraph beginning at page 8, line 15, with the following amended paragraph:

Fig. 1 depicts a network device 100 that may be used to implement embodiments of the present invention. Network device 100 includes a central processor 102 that executes codes stored in a program memory 104. Program memory 104 is one example of a computer-readable medium. Program memory 104 can be, e.g., a volatile memory. Another form of computer-readable medium storing the same codes would be some type of non-volatile storage such as floppy disks, CD-ROMS, DVD-ROMS, hard disks, flash memory, etc. A carrier wave that carries the code across the network is ~~another~~ an example of a ~~computer-readable~~ transmission medium. A packet memory 106 is also provided for intermediate storage of packets. Network device 100 interfaces with physical media via a plurality of linecards 108. Although only two linecards 108 are shown it is understood that there may be numerous linecards within network device 100. It will also be appreciated that each linecard 108 may include numerous separate physical interfaces. For example, a particular linecard may include a large number of electrical and/optical interfaces. Such interfaces include, but are not limited to Ethernet interfaces, Gigibit Ethernet interfaces, DS-1, DS-3, Frame relay interfaces, ATM interfaces, SONET interfaces, dial-up interfaces, DSL interfaces, wireless interfaces, etc. The various components are interconnected by a backplane 110.